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(54) Dry expandible sealant and baffle composition and product.

(57) A dry, initially non-tacky, expandible, shaped and formed sealant and baffle component is provided for sealing and providing an acoustic baffle for cavities in the hollow structural components of a vehicle body or the like, which during the manufacturing operation is conveyed through a bake oven at an elevated temperature. The component is made up of a metal ion neutralized ethylene- α,β ethylenically unsaturated carboxylic acid copolymer (ionomer), a blowing agent, and a tackifier, and optionally with an additive polymer and a cross-linking agent. The blowing agent is selected to be activated at the temperature of the bake oven so that the shaped and formed component expands in the body cavity to seal the cavity and prevent ingress of moisture, dust and other contaminating materials and particles, as well as to form a sound barrier therein.

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EUROPEAN SEARCH REPORT

Application Number
EP 94 10 1343

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	EP-A-0 024 550 (DU PONT DE NEMOURS) * page 7 - page 9; claims 1-21 * ---	1	C08F8/44 C08J9/00
A	US-A-4 164 512 (D. BRENNER) * claims 1-3 * ---	1	
A	WO-A-86 03759 (UCC) * page 3; claims 1-11 * ---	1	
D,A	EP-A-0 383 498 (EXXON CHEMICAL PATENTS INC.) * page 3, line 55 - page 4, line 1; claims 1-7 * ---	1	
A	US-A-4 714 728 (S. L. GRAHAM) * claim 1 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			C08F C08J
<p>The present search report has been drawn up for all claims</p>			
Place of search THE HAGUE	Date of compilation of the search 24 November 1994	Examiner Permentier, W	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			